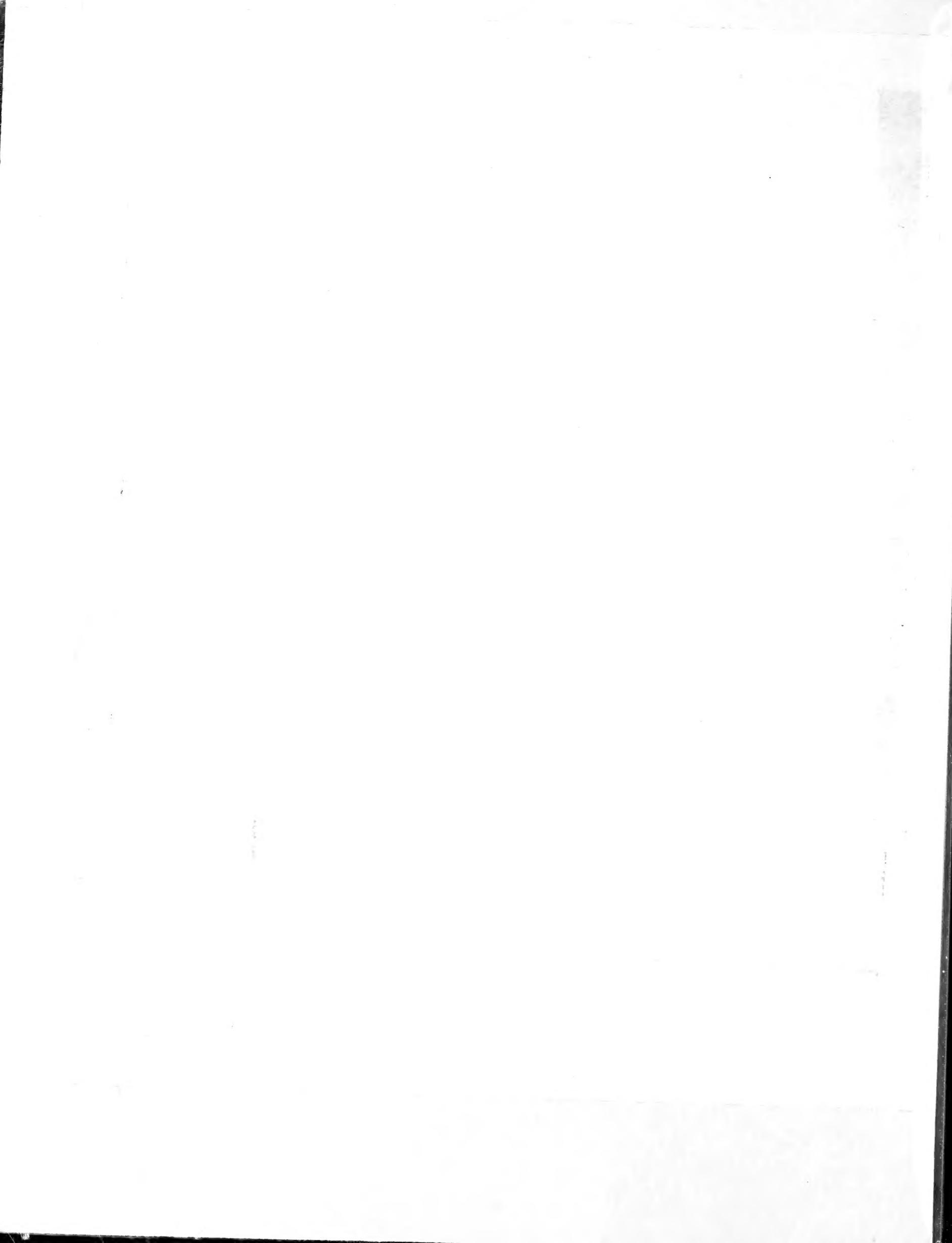


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General
Technical
Report
WO-31

Trends in Commercial Timberland Area in the United States by State and Ownership, 1952-77, With Projections to 2030

**Trends in
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Introduction

This report presents historic data for and projections of commercial timberland area in the United States by section, region, State, and ownership. This study was required by Section 3b of the Forest and Rangeland Renewable Resources Research Act of 1978 (Public Law 95-307). Lands classed as commercial timberland vary widely in potential for producing timber, but all are capable of growing at least 20 cubic feet per acre of timber per year and are suitable and available for timber harvesting now or in the future.¹ The data will interest

¹ 20 ft³/acre = 1.399 m³/ha; 1,000 acres = 404.69 ha.

foresters and policymakers responsible for our Nation's timber-growing land base.

Figure 1 shows the sections, regions, and States covered by the study. Table 2 presents historical data and projections of commercial timberland for sections, regions, and States by owner class. Tables 3-12 present land area of National Forests for 1977 and projections to 2030 for USDA Forest Service Administrative Regions by land class and component.

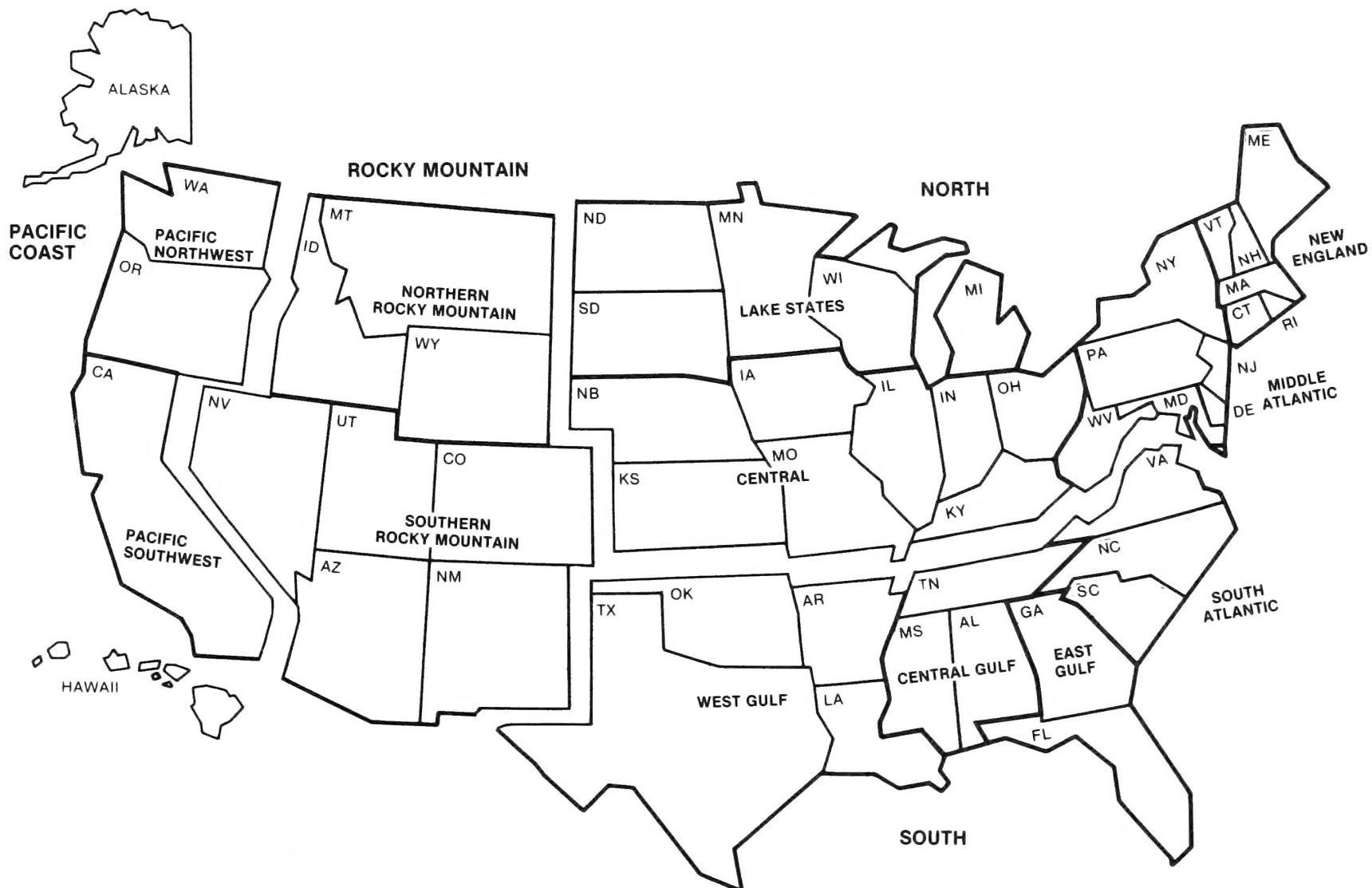


Figure 1.—Sections and geographic regions of the United States.

The Study Process

In 1976, data on commercial timberland area were compiled for each State by owner class for 1952, 1962, and 1970; data for 1977 were estimated. Information on changes in land use was gathered for each State, and the literature was reviewed. Preliminary projections of changes in commercial timberland area included 1977-2030 for other public, forest industry, and farm and miscellaneous private ownership. These projections were sent to Renewable Resource Evaluation units at USDA Forest Service Experiment Stations for review and comment.

During the first half of 1977, National Forest commercial timberland projections were made and compiled at the State level. Changes were made in projections for other ownerships if they were affected. In the summer of 1977, final data on

commercial timberland were compiled, and some projections were revised. In November 1977, a national meeting was held to review all the area projections with personnel from the Washington Office, Regional Offices, and Experiment Stations. Some changes in projections for National Forests were necessary. Renewable Resource Evaluation units and State forestry organizations reviewed the projections. In late 1977 and early 1978, projections were again revised from comments received. State projections were summarized to develop national projections by section and geographic region. In 1978, the USDA Forest Service sent the projections out for public review. In 1979, some changes were made, based on public comment, and the projections for National Forests were revised to reflect the Rare II decision.²

² Roadless area review and evaluation study II.

Past Trends and the Basis for Projecting Trends

The trends in timberland area show that forests are most often a residual use of the land. The higher economic values associated with urbanization, agriculture, highways, and reservoirs dictate the land's use. The unique characteristic of wilderness dictates the setting aside of these areas. In this study it was not possible to project all the other uses of the land to arrive at the commercial timberland base each decade; however, local trends in nonforest uses were considered for estimates of commercial timberland available in the future.

The projections have a widening band of uncertainty surrounding them. The United States has a history of shifts in land use and the economy; changes in industry, transportation routes, and peoples' lifestyles; and an increasing population. Projected trends reflect the history of land use, which depends on the local economy, resource characteristics, land use laws, and tastes and preferences of the local population. So it would not be too surprising to see an unexpected trend in land use develop when the variables involved and the long projection period are considered.

Area of commercial timberland is an obvious and major determinant of change in the timber resource. This area and the timber inventory it supports must be the primary source of harvest over the next 20 to 30 years. Over a longer period, the supply can be influenced to an increasingly greater extent by management.

The area of commercial timberland in the United States steadily decreased after the country was settled and as land was cleared for crops, pastures, and other uses—such as cities and roads. This trend persisted until about 1920. Starting then and continuing until the early 1960's, commercial timberland increased by about 50 million acres as the worked-out cotton lands in the South, cleared farms in the East, and the poorer farms in other regions came back to forests. By 1962, commercial timberland in the United States reached 509 million acres (table 1).

During the 1960's, the upward trend was reversed as losses caused by changes in use of land exceeded gains. During the 1970's, the rate of losses accelerated. As a result, commercial timberland declined 5 percent between 1962 and 1977 to 482 million acres.

The decline in area reflects several forces. Throughout the country, there have been losses of land for highways, powerlines, and reservoirs. Urban development has caused losses in diverse parts of the country, such as New England and the middle Atlantic States and in Georgia, Arkansas, Texas, and Washington. Extensive areas, especially in the South, have been cleared for crops and pasture. Public lands, mainly in the West, have been withdrawn for parks, wilderness, and other recreational uses. Private lands have been acquired for

second homes or recreational use. At the same time, additions to the commercial timberland base from abandoned crop and pasture land have been declining. Part of the reduction in commercial timberland area was the result of new knowledge on land capability and suitability. This improved information resulted in some lands being reclassified as noncommercial.

For 1977 to 2030, several assumptions were made:

1. Many forces that affected changes in the land use in the past decade and a half will continue; for example, population, economic activity, and disposable personal income will increase during the projection.³
2. Demand will increase for recreational areas on forested lands.
3. More commercial timberland will be used for houses, industrial sites, highways, powerlines, reservoirs, and second homes.
4. Recent trends among the major owner classes will continue. Forest industry has been the only class showing a consistent upward trend in acreage, mainly because of purchase of land from farmers and other private owners. As land has become increasingly expensive and difficult to purchase, forest industries have leased timber rights on lands in other owner classes, particularly in the South. Forest industry owners will continue to purchase commercial timberland, but at a slower rate.

The largest change in area of commercial timberland has been in the farm and miscellaneous private ownerships, and this trend is expected to continue. In States where the area in farm and miscellaneous private ownerships has declined because of clearing for crops, pastures, urban development, and so forth, recent trends for each State were assumed to continue, but to be modified by local judgment. In West Virginia, where commercial timberland has increased because of reforestation of abandoned crop and pasture lands, gains were assumed to continue but at a much reduced rate (table 2). In Virginia, which has also experienced increases in commercial timberland, it was assumed the trend would be reversed and substantial amounts of timberland would be developed.

For many States, it was assumed that the other public commercial timberland area would slowly decrease because of diversions to roads, powerlines, and reservoirs. In some States, such as Arkansas and Louisiana, however, increases in the *other public* category were assumed. For interior Alaska, it was assumed that a large area of State timberland would be sold to private individuals. For coastal Alaska, it was assumed that a substantial acreage of National Forest would be selected by the State by 1990.

³ USDA Forest Service. An analysis of the timber situation in the United States, 1952-2030, table 1. Unpublished data on file at the USDA Forest Service Washington Office, Washington, D.C. (in press)

Projections of commercial timberland area for the National Forests were made by the Regional Offices of the USDA Forest Service (tables 3 to 12). Withdrawals for roads, power-lines, and reservoirs were assumed to follow trends of the last few years. Shifts among components of commercial timber-

land will follow the direction provided by management plans. The projections for each Region were adjusted for probable withdrawals under pending wilderness legislation, including the recent RARE II decision (see footnote 2). It was assumed that no new National Forests would be authorized for Alaska.

Projected Trends in Commercial Timberland Area

Commercial timberland area is projected to decline from 482.4 million acres in 1977 to 446.2 million acres in 2030, a drop of 36.2 million acres (table 1). The rate of decrease is greatest at the beginning of the projection period.

By far the largest projected decrease is in the South and is chiefly due to development of crop and pasture lands and industrial expansion. Between 1977 and 2030, the commercial timberland area in this section is projected to fall by 15.1 million acres (table 2). The largest change—a decrease of 18.7 million acres—is projected to occur on the farm and miscellaneous private category. Forest industry ownership is projected to increase 3.4 million acres and other public 0.5 million acres. The area in National Forests is projected to decrease 0.4 million acres by 1990 and then remain constant.

In the North, the commercial timberland area is projected to fall by 7.6 million acres by 2030. The area in farm and miscellaneous ownerships will decrease 8.7 million acres, but the area in forest industry ownership will increase 0.8 million acres. The area in National Forests shows a slight increase during the projection period in response to expected acquisition of forest land.

In the Rocky Mountains between 1977 and 2030, the commercial timberland area is projected to decrease 4.8 million acres; over half of this decrease is on National Forests and mainly reflects the reclassification of land to wilderness and recreational use. Farm and miscellaneous private land shows a decrease of 1.8 million acres because of diversion of land to recreation and second family homes.

On the Pacific coast, the area of commercial timberland is projected to drop 8.7 million acres by 2030. Most of this decrease—6.87 million acres—is in National Forests and chiefly reflects the withdrawals of commercial timberland for wilderness use. Because of diversion to roads, powerlines, urban expansion, and industrial sites, the farm and miscellaneous other private commercial timberland area will decline 0.9 million acres, but this owner class in Alaska will increase considerably (table 2). The area by forest industry owner will increase to the year 2000 and then decline. Forest industry will purchase land from the farm and miscellaneous private owners.

Definitions

Deferred timberland—a temporary classification used by the USDA Forest Service for certain National Forest lands during study and subsequent allocation to timberland or reserved timberland.

Standard timberland—timberland on which the site can be fully utilized for growing crops of industrial wood with adequate protection for forest resources.

Special timberland—timberland under landscape management or in travel or water influence zones.

Marginal timberland—timberland not currently qualifying as standard because of excessive development cost, low product value, or resource protection constraints.

Table 1—Area of commercial timberland in the United States, by owner class and section, 1952, 1962, 1970, 1977, and projections to 2030¹ (Million acres)

Owner class and section of United States	Projections								
	1952	1962	1970	1977	1990	2000	2010	2020	2030
National Forest	94.7	96.9	94.7	88.7	81.3	80.4	79.8	79.2	78.8
Other public	49.0	46.8	46.9	47.0	46.6	46.5	46.4	46.4	46.4
Forest industry	59.5	61.6	67.0	68.7	70.9	72.2	72.7	73.0	73.1
Farm and miscellaneous private	296.1	304.1	287.8	278.0	268.8	261.8	256.1	251.5	247.9
Total	499.3	509.4	496.4	482.4	467.6	460.9	455.0	450.1	446.2
North	168.8	170.9	168.6	166.1	164.2	162.5	160.9	159.1	158.5
South	192.1	199.9	192.5	188.0	182.5	179.7	177.2	175.2	172.9
Rocky Mountains	63.9	64.4	62.1	57.8	56.2	55.2	54.1	53.6	53.0
Pacific coast ²	74.5	74.2	73.2	70.5	64.7	63.5	62.8	62.2	61.8
Total	499.3	509.4	496.4	482.4	467.6	460.9	455.0	450.1	446.2

¹ Data for 1952 and 1962 as of December 31; other years as of January 1

² Includes Alaska.

Table 2—Area of commercial timberland in the United States by geographic region and State, by owner class—1952, 1962, 1970, 1977, and projections to 2030 (Thousand acres)

Geographic region and State, by owner class	1952	1962	1970	1977	Projections								
					1990	2000	2010	2020	2030				
North													
New England States													
Connecticut													
National Forest	0	0	0	0	0	0	0	0	0				
Other public	155	155	155	147	150	155	160	165	170				
Forest industry	3	3	3	0	0	0	0	0	0				
Farm and miscellaneous private	1,815	1,736	1,665	1,659	1,550	1,445	1,370	1,305	1,220				
Total	1,973	1,894	1,823	1,806	1,700	1,600	1,530	1,470	1,390				
Maine													
National Forest	39	39	38	38	38	38	38	38	38				
Other public	143	166	274	503	487	485	484	481	478				
Forest industry	6,617	6,521	8,255	8,083	8,045	8,020	7,969	7,948	7,900				
Farm and miscellaneous private	9,810	10,053	8,328	8,240	8,227	8,203	8,205	8,128	8,078				
Total	16,609	16,779	16,895	16,864	16,797	16,746	16,696	16,595	16,494				
Massachusetts													
National Forest	0	0	0	0	0	0	0	0	0				
Other public	399	399	399	366	364	363	362	361	360				
Forest industry	259	30	30	30	30	30	30	30	30				
Farm and miscellaneous private	2,601	2,612	2,417	2,402	2,205	2,185	1,975	1,865	1,755				
Total	3,259	3,041	2,846	2,798	2,599	2,578	2,367	2,256	2,145				
New Hampshire													
National Forest	580	569	568	459	381	381	381	381	381				
Other public	102	128	128	121	121	120	120	120	119				
Forest industry	771	793	793	947	950	947	944	941	938				
Farm and miscellaneous private	3,366	3,448	3,318	3,165	2,870	2,690	2,510	2,340	2,170				
Total	4,819	4,938	4,807	4,692	4,322	4,138	3,955	3,782	3,608				
Rhode Island													
National Forest	0	0	0	0	0	0	0	0	0				
Other public	26	26	26	32	32	32	32	32	32				
Forest industry	0	0	0	0	0	0	0	0	0				
Farm and miscellaneous private	404	403	403	363	338	318	298	278	268				
Total	430	429	429	395	370	350	330	310	300				
Vermont													
National Forest	191	223	226	209	245	273	301	331	331				
Other public	106	106	179	213	212	212	211	210	210				
Forest industry	528	528	678	666	680	678	676	674	672				
Farm and miscellaneous private	3,021	3,354	3,281	3,342	3,341	3,264	3,187	3,097	3,057				
Total	3,846	4,211	4,364	4,430	4,478	4,427	4,375	4,312	4,270				
New England total													
National Forest	810	831	832	706	664	692	720	750	750				
Other public	931	980	1,161	1,382	1,366	1,367	1,369	1,369	1,369				
Forest industry	8,178	7,875	9,759	9,726	9,705	9,675	9,619	9,593	9,540				
Farm and miscellaneous private	21,017	21,606	19,412	19,171	18,531	18,105	17,545	17,013	16,548				
Total	30,936	31,292	31,164	30,985	30,266	29,839	29,253	28,725	28,207				

Table 2—Area of commercial timberland in the United States by geographic region and State, by owner class—1952, 1962, 1970, 1977, and projections to 2030 (Thousand acres) (Continued)

Geographic region and State, by owner class	1952	1962	1970	1977	Projections								
					1990	2000	2010	2020	2030				
North													
Middle Atlantic States													
Delaware													
National Forest	0	0	0	0	0	0	0	0	0				
Other public	13	9	9	14	15	15	15	15	15				
Forest industry	21	25	30	30	29	30	30	30	30				
Farm and miscellaneous private	358	357	351	340	335	330	325	320	315				
Total	392	391	390	384	379	375	370	365	360				
Maryland													
National Forest	0	0	0	0	0	0	0	0	0				
Other public	214	214	189	243	238	237	236	235	234				
Forest industry	57	57	101	139	139	138	138	137	137				
Farm and miscellaneous private	2,584	2,575	2,384	2,141	2,104	2,062	2,020	1,980	1,940				
Total	2,855	2,846	2,674	2,523	2,481	2,437	2,394	2,352	2,311				
New Jersey													
National Forest	0	0	0	0	0	0	0	0	0				
Other public	181	254	254	319	325	324	323	322	321				
Forest industry	4	4	4	16	10	5	0	0	0				
Farm and miscellaneous private	1,865	2,004	1,720	1,522	1,495	1,470	1,455	1,445	1,435				
Total	2,050	2,262	1,978	1,857	1,830	1,799	1,778	1,767	1,756				
New York													
National Forest	0	0	0	0	0	0	0	0	0				
Other public	895	895	892	892	889	886	884	881	879				
Forest industry	1,172	1,172	1,180	1,177	1,200	1,196	1,193	1,189	1,186				
Farm and miscellaneous private	9,885	11,350	12,209	12,174	12,300	12,250	12,200	12,150	12,100				
Total	11,952	13,417	14,281	14,243	14,389	14,332	14,277	14,220	14,165				
Pennsylvania													
National Forest	454	450	488	485	475	475	475	475	475				
Other public	2,775	2,850	2,918	2,986	3,000	2,950	2,900	2,900	2,900				
Forest industry	442	442	610	964	970	975	980	985	990				
Farm and miscellaneous private	10,903	12,537	12,099	11,489	11,358	11,316	11,274	11,182	11,090				
Total	14,574	16,279	16,115	15,923	15,803	15,716	15,629	15,542	15,455				
West Virginia													
National Forest	881	869	879	852	865	875	885	895	905				
Other public	101	167	167	268	268	268	268	268	268				
Forest industry	270	530	530	880	885	890	895	900	905				
Farm and miscellaneous private	9,024	9,823	9,864	9,484	9,558	9,653	9,750	9,847	9,946				
Total	10,276	11,389	11,440	11,484	11,576	11,686	11,798	11,910	12,024				
Middle Atlantic total													
National Forest	1,335	1,319	1,367	1,337	1,340	1,350	1,360	1,370	1,380				
Other public	4,179	4,389	4,429	4,722	4,735	4,680	4,626	4,621	4,617				
Forest industry	1,966	2,230	2,455	3,206	3,233	3,234	3,236	3,241	3,248				
Farm and miscellaneous private	34,619	38,646	38,627	37,150	37,150	37,081	37,024	36,924	36,826				
Total	42,099	46,584	46,878	46,415	46,458	46,345	46,246	46,156	46,071				

Table 2—Area of commercial timberland in the United States by geographic region and State, by owner class—1952, 1962, 1970, 1977, and projections to 2030 (Thousand acres) (Continued)

Geographic region and State, by owner class	1952	1962	1970	1977	Projections							
					1990	2000	2010	2020				
North												
Lake States												
Michigan												
National Forest	2,410	2,410	2,423	2,401	2,374	2,374	2,374	2,374				
Other public	3,900	3,900	4,018	4,018	4,006	3,994	3,982	3,970				
Forest industry	1,548	1,548	2,257	2,257	2,375	2,425	2,462	2,487				
Farm and miscellaneous private	11,263	11,263	10,102	10,102	9,619	9,211	8,766	8,382				
Total	19,121	19,121	18,800	18,778	18,374	18,004	17,584	17,213				
								17,201				
Minnesota												
National Forest	2,195	2,142	2,127	1,715	1,751	1,751	1,751	1,751				
Other public	6,929	6,016	5,867	5,613	5,538	5,494	5,494	5,494				
Forest industry	578	716	814	772	890	940	980	1,000				
Farm and miscellaneous private	6,878	6,538	5,687	5,595	4,737	4,351	4,071	3,899				
Total	16,580	15,412	14,495	13,695	12,916	12,536	12,296	12,144				
								12,048				
North Dakota												
National Forest	0	0	0	0	0	0	0	0				
Other public	139	128	125	124	141	146	147	147				
Forest industry	0	0	0	0	0	0	0	0				
Farm and miscellaneous private	312	296	281	281	262	256	254	245				
Total	451	424	406	405	403	402	401	396				
								392				
South Dakota, eastern												
National Forest	0	0	0	0	0	0	0	0				
Other public	106	78	77	77	77	77	77	77				
Forest industry	0	0	0	0	0	0	0	0				
Farm and miscellaneous private	209	152	146	146	135	134	132	131				
Total	315	230	223	223	212	211	209	208				
								207				
Wisconsin												
National Forest	1,357	1,372	1,318	1,266	1,224	1,224	1,224	1,224				
Other public	3,742	3,510	3,208	3,421	3,500	3,560	3,585	3,595				
Forest industry	942	933	1,368	1,148	1,300	1,400	1,500	1,600				
Farm and miscellaneous private	9,308	8,878	8,643	8,643	8,168	7,847	7,712	7,292				
Total	15,349	14,693	14,537	14,478	14,192	14,031	14,021	13,611				
								13,501				
Lake total												
National Forest	5,962	5,924	5,868	5,382	5,349	5,349	5,349	5,349				
Other public	14,816	13,632	13,295	13,253	13,262	13,271	13,285	13,283				
Forest industry	3,068	3,197	4,439	4,177	4,565	4,765	4,942	4,987				
Farm and miscellaneous private	27,970	27,127	24,859	24,767	22,921	21,799	20,935	19,953				
Total	51,816	49,880	48,461	47,579	46,097	45,184	44,511	43,572				
								43,349				
Central States												
Illinois												
National Forest	184	188	215	227	225	235	240	250				
Other public	42	52	52	52	53	53	53	52				
Forest industry	10	17	17	17	17	16	16	16				
Farm and miscellaneous private	3,594	3,504	3,396	3,396	3,272	3,149	3,026	2,904				
Total	3,830	3,761	3,680	3,692	3,567	3,543	3,335	3,222				
								3,227				

Table 2—Area of commercial timberland in the United States by geographic region and State, by owner class—1952, 1962, 1970, 1977, and projections to 2030 (Thousand acres) (Continued)

Geographic region and State, by owner class	1952	1962	1970	1977	Projections				
					1990	2000	2010	2020	2030
North									
Indiana									
National Forest	112	112	137	162	171	191	193	195	196
Other public	171	182	224	248	257	266	271	274	276
Forest industry	9	9	22	27	34	39	44	48	50
Farm and miscellaneous private	3,723	3,627	3,457	3,378	3,279	3,205	3,163	3,143	3,133
Total	4,015	3,930	3,840	3,815	3,741	3,701	3,671	3,660	3,655
Iowa									
National Forest	3	3	0	0	0	0	0	0	0
Other public	34	52	93	113	111	110	110	110	109
Forest industry	0	6	14	16	17	17	17	17	17
Farm and miscellaneous private	2,558	1,939	1,593	1,331	1,245	1,159	1,072	987	987
Total	2,595	2,000	1,700	1,460	1,373	1,286	1,199	1,114	1,113
Kansas									
National Forest	0	0	0	0	0	0	0	0	0
Other public	27	36	36	36	40	40	40	40	39
Forest industry	0	0	0	0	0	0	0	0	0
Farm and miscellaneous private	1,181	1,158	1,151	1,151	1,130	1,115	1,100	1,100	1,090
Total	1,208	1,194	1,187	1,187	1,170	1,155	1,140	1,140	1,129
Kentucky									
National Forest	455	438	531	589	612	622	627	632	637
Other public	270	214	289	306	317	325	330	335	340
Forest industry	308	308	228	255	265	270	275	280	285
Farm and miscellaneous private	10,465	10,691	10,778	10,752	11,065	11,262	11,425	11,618	11,813
Total	11,498	11,651	11,826	11,902	12,259	12,479	12,657	12,865	13,075
Missouri									
National Forest	1,339	1,311	1,321	1,246	1,237	1,237	1,237	1,237	1,237
Other public	278	260	279	286	285	284	283	283	282
Forest industry	460	280	343	362	363	364	365	366	367
Farm and miscellaneous private	12,223	11,649	10,557	10,394	10,223	10,052	9,881	9,709	9,700
Total	14,300	13,500	12,500	12,288	12,108	11,937	11,766	11,595	11,586
Nebraska									
National Forest	28	57	57	41	41	41	41	41	41
Other public	34	37	38	38	38	39	39	40	40
Forest industry	0	0	0	0	0	0	0	0	0
Farm and miscellaneous private	988	941	838	710	660	600	580	560	550
Total	1,050	1,035	933	789	739	680	660	641	631
Ohio									
National Forest	88	88	130	141	163	181	181	185	187
Other public	209	272	236	246	240	240	240	245	245
Forest industry	30	74	126	127	140	140	139	139	138
Farm and miscellaneous private	5,123	5,607	5,930	5,515	5,917	5,899	5,880	5,861	5,850
Total	5,450	6,041	6,422	6,029	6,460	6,460	6,440	6,430	6,420

Table 2—Area of commercial timberland in the United States by geographic region and State, by owner class—1952, 1962, 1970, 1977, and projections to 2030 (Thousand acres) (Continued)

Geographic region and State, by owner class	1952	1962	1970	1977	Projections							
					1990	2000	2010	2020				
North												
Central total												
National Forest	2,209	2,197	2,391	2,406	2,449	2,507	2,519	2,540	2,558			
Other public	1,065	1,105	1,247	1,325	1,341	1,357	1,366	1,379	1,383			
Forest industry	817	694	750	804	836	846	856	866	873			
Farm and miscellaneous private	39,855	39,116	37,700	36,627	36,791	36,441	36,127	35,882	36,022			
Total	43,946	43,112	42,088	41,162	41,417	41,151	40,868	40,667	40,836			
Total North												
National Forest	10,316	10,271	10,458	9,831	9,802	9,898	9,948	10,009	10,037			
Other public	20,991	20,106	20,132	20,682	20,704	20,675	20,646	20,652	20,645			
Forest industry	14,029	13,996	17,403	17,913	18,339	18,520	18,653	18,687	18,761			
Farm and miscellaneous private	123,461	126,495	120,598	117,715	115,393	113,426	111,631	109,772	109,020			
Total	168,797	170,868	168,591	166,141	164,238	162,519	160,878	159,120	158,463			

Table 2—Area of commercial timberland in the United States by geographic region and State, by owner class—1952, 1962, 1970, 1977, and projections to 2030 (Thousand acres) (Continued)

Geographic region and State, by owner class	1952	1962	1970	1977	Projections								
					1990	2000	2010	2020	2030				
South													
South Atlantic States													
North Carolina					South								
National Forest	1,020	1,033	1,036	1,029	1,009	1,012	1,014	1,014	1,014				
Other public	572	687	715	734	732	730	727	725	723				
Forest industry	2,584	2,495	2,786	2,134	2,050	2,044	2,038	2,032	2,025				
Farm and miscellaneous private	15,406	15,774	15,656	15,665	15,600	15,550	15,500	15,480	15,425				
Total	19,582	19,989	20,193	19,562	19,391	19,336	19,279	19,251	19,187				
South Carolina													
National Forest	563	564	551	573	572	574	575	575	575				
Other public	392	470	523	522	520	519	517	516	514				
Forest industry	1,650	2,010	2,047	2,007	1,967	1,928	1,889	1,851	1,814				
Farm and miscellaneous private	9,279	9,127	9,290	9,074	8,865	8,661	8,462	8,267	8,077				
Total	11,884	12,171	12,411	12,176	11,924	11,682	11,443	11,209	10,980				
Virginia													
National Forest	1,198	1,203	1,203	1,424	1,452	1,459	1,464	1,468	1,468				
Other public	295	332	469	498	478	476	475	473	472				
Forest industry	1,095	1,454	1,634	1,670	1,800	2,000	2,100	2,125	2,125				
Farm and miscellaneous private	12,909	12,763	12,553	12,347	11,945	11,547	11,248	11,025	10,826				
Total	15,497	15,752	15,859	15,939	15,675	15,482	15,287	15,091	14,891				
South Atlantic total													
National Forest	2,781	2,800	2,790	3,206	3,033	3,045	3,053	3,057	3,057				
Other public	1,259	1,489	1,707	1,754	1,730	1,725	1,719	1,714	1,709				
Forest industry	5,329	5,959	6,467	5,811	5,817	5,972	6,027	6,008	5,964				
Farm and miscellaneous private	37,594	37,644	37,499	37,086	36,410	35,758	35,210	34,772	34,328				
Total	46,963	47,912	48,463	47,677	46,990	46,500	46,009	45,551	45,058				
East Gulf States													
Florida													
National Forest	1,035	1,030	1,035	1,005	822	822	822	822	822				
Other public	1,216	1,190	1,110	1,110	1,220	1,216	1,212	1,208	1,204				
Forest industry	4,369	4,767	5,217	5,319	5,420	5,400	5,383	5,367	5,351				
Farm and miscellaneous private	11,515	9,843	8,870	7,896	7,307	6,987	6,688	6,339	5,984				
Total	18,135	16,830	16,232	15,330	14,769	14,425	14,105	13,736	13,361				
Georgia													
National Forest	643	745	807	813	739	741	742	743	744				
Other public	1,041	1,068	793	732	730	728	725	723	721				
Forest industry	4,246	4,068	4,446	4,318	4,400	4,425	4,475	4,500	4,550				
Farm and miscellaneous private	18,039	20,417	19,056	18,949	18,476	18,014	17,564	17,125	16,697				
Total	23,969	26,298	25,102	24,812	24,345	23,908	23,506	23,091	22,712				
East Gulf total													
National Forest	1,678	1,775	1,842	1,818	1,561	1,563	1,564	1,565	1,566				
Other public	2,257	2,258	1,903	1,842	1,950	1,944	1,937	1,931	1,925				
Forest industry	8,615	8,835	9,663	9,637	9,820	9,825	9,858	9,867	9,901				
Farm and miscellaneous private	29,554	30,260	27,926	26,845	25,783	25,001	24,252	23,464	22,681				
Total	42,104	43,128	41,334	40,142	39,114	38,333	37,611	36,827	36,073				

Table 2—Area of commercial timberland in the United States by geographic region and State, by owner class—1952, 1962, 1970, 1977, and projections to 2030 (Thousand acres) (Continued)

Geographic region and State, by owner class	1952	1962	1970	1977	Projections								
					1990	2000	2010	2020	2030				
South													
Central Gulf States													
Alabama													
National Forest	616	630	626	618	596	599	602	603	604				
Other public	352	372	372	391	390	389	387	386	385				
Forest industry	3,138	3,818	3,818	4,205	4,631	5,100	5,250	5,500	5,575				
Farm and miscellaneous private	16,650	16,922	16,926	16,119	14,900	14,200	13,650	13,350	13,000				
Total	20,756	21,742	21,742	21,333	20,517	20,288	19,889	19,839	19,564				
Mississippi													
National Forest	1,036	1,108	1,118	1,122	1,086	1,089	1,092	1,095	1,097				
Other public	682	611	652	554	574	594	594	594	594				
Forest industry	2,602	2,683	2,505	2,996	3,321	3,441	3,500	3,500	3,500				
Farm and miscellaneous private	12,120	13,574	12,617	11,832	11,023	10,680	10,519	10,468	10,417				
Total	16,440	17,976	16,892	16,504	16,004	15,804	15,705	15,657	15,608				
Tennessee													
National Forest	566	591	600	578	577	578	578	579	579				
Other public	606	608	686	687	684	682	680	678	676				
Forest industry	750	946	1,122	1,122	1,440	1,550	1,520	1,520	1,520				
Farm and miscellaneous private	10,379	11,498	10,412	10,433	9,400	9,150	8,950	8,850	8,750				
Total	12,301	13,643	12,820	12,820	12,101	11,960	11,728	11,627	11,525				
Central Gulf total													
National Forest	2,218	2,329	2,344	2,318	2,259	2,266	2,272	2,277	2,280				
Other public	1,640	1,591	1,710	1,632	1,648	1,665	1,661	1,658	1,655				
Forest industry	6,490	7,447	7,445	8,323	9,392	10,091	10,270	10,520	10,595				
Farm and miscellaneous private	39,149	41,994	39,995	38,384	35,323	34,030	33,119	32,668	32,167				
Total	49,497	53,361	51,454	50,657	48,622	48,052	47,322	47,123	46,697				
West Gulf States													
Arkansas													
National Forest	2,326	2,373	2,378	2,414	2,331	2,333	2,335	2,336	2,338				
Other public	584	473	560	560	700	750	800	850	900				
Forest industry	4,118	4,028	3,951	3,951	3,980	4,010	4,040	4,070	4,100				
Farm and miscellaneous private	12,237	14,627	11,318	11,282	10,690	10,180	9,670	9,160	8,650				
Total	19,265	21,501	18,207	18,207	17,701	17,273	16,845	16,416	15,988				
Louisiana													
National Forest	536	575	552	559	550	550	550	550	550				
Other public	312	310	309	442	463	483	503	523	543				
Forest industry	3,452	3,085	3,180	3,761	3,791	3,821	3,851	3,881	3,911				
Farm and miscellaneous private	11,738	12,542	11,302	9,764	8,988	8,636	8,544	8,454	8,364				
Total	16,038	16,512	15,343	14,526	13,792	13,490	13,448	13,408	13,368				
Oklahoma													
National Forest	212	219	233	224	230	230	230	230	230				
Other public	236	232	344	344	343	342	341	340	339				
Forest industry	929	969	869	991	988	985	982	979	976				
Farm and miscellaneous private	3,667	3,291	3,371	2,764	2,653	2,547	2,445	2,347	2,254				
Total	5,044	4,711	4,817	4,323	4,214	4,104	3,998	3,896	3,799				

Table 2—Area of commercial timberland in the United States by geographic region and State, by owner class—1952, 1962, 1970, 1977, and projections to 2030 (Thousand acres) (Continued)

Geographic region and State, by owner class	1952	1962	1970	1977	Projections				
					1990	2000	2010	2020	2030
South									
Texas									
National Forest	655	618	625	595	589	589	590	590	591
Other public	112	135	203	201	200	200	199	199	198
Forest industry	3,123	3,128	3,497	3,771	4,067	4,148	4,231	4,235	4,240
Farm and miscellaneous private	9,282	8,900	8,599	7,946	7,251	7,000	6,910	6,900	6,890
Total	13,172	12,781	12,924	12,513	12,107	11,937	11,930	11,924	11,919
West Gulf total									
National Forest	3,729	3,785	3,788	3,792	3,700	3,702	3,705	3,706	3,709
Other public	1,244	1,150	1,416	1,547	1,706	1,775	1,843	1,912	1,980
Forest industry	11,622	11,210	11,497	12,474	12,826	12,964	13,104	13,165	13,227
Farm and miscellaneous private	36,924	39,360	34,590	31,756	29,582	28,363	27,569	26,861	26,158
Total	53,519	55,505	51,291	49,569	47,814	46,804	46,221	45,644	45,074
Total South									
National Forest	10,406	10,689	10,764	10,954	10,553	10,576	10,594	10,605	10,612
Other public	6,400	6,488	6,736	6,775	7,034	7,109	7,160	7,215	7,269
Forest industry	32,056	33,451	35,072	36,245	37,855	38,852	39,259	39,560	39,687
Farm and miscellaneous private	143,221	149,278	139,970	134,071	127,098	123,152	120,150	117,765	115,334
Total	192,083	199,906	192,542	188,045	182,540	179,689	177,163	175,145	172,902
Pacific Coast									
Pacific Northwest States									
Alaska, interior									
National Forest	0	0	0	0	0	0	0	0	0
Other public	3,907	3,907	3,907	3,907	3,176	3,176	3,176	3,176	3,176
Forest industry	0	0	0	0	0	0	0	0	0
Farm and miscellaneous private	203	203	203	203	934	925	915	906	897
Total	4,110	4,110	4,110	4,110	4,110	4,101	4,091	4,082	4,073
Alaska, coastal									
National Forest	6,873	6,828	6,794	6,529	3,656	3,656	3,656	3,656	3,656
Other public	456	472	479	426	696	696	696	696	696
Forest industry	0	0	0	0	0	0	0	0	0
Farm and miscellaneous private	30	30	30	85	695	695	695	695	695
Total	7,359	7,330	7,303	7,040	5,047	5,047	5,047	5,047	5,047
Oregon, western									
National Forest	4,576	4,857	4,830	4,587	4,156	4,107	4,065	4,022	3,984
Other public	3,154	2,960	2,919	2,858	2,803	2,747	2,692	2,664	2,650
Forest industry	3,128	3,548	3,624	3,895	4,019	4,114	4,161	4,140	4,119
Farm and miscellaneous private	3,743	3,354	3,234	2,311	2,064	1,874	1,779	1,731	1,683
Total	14,601	14,719	14,607	13,651	13,042	12,842	12,697	12,557	12,436
Oregon, eastern									
National Forest	6,720	7,208	7,173	7,046	5,946	5,876	5,812	5,749	5,692
Other public	1,345	533	542	636	630	626	623	621	620
Forest industry	1,533	1,540	1,628	1,627	1,611	1,598	1,588	1,580	1,577
Farm and miscellaneous private	1,489	1,623	1,379	1,251	1,242	1,236	1,231	1,227	1,226
Total	11,087	10,904	10,722	10,560	9,429	9,336	9,254	9,177	9,115

Table 2—Area of commercial timberland in the United States by geographic region and State, by owner class—1952, 1962, 1970, 1977, and projections to 2030 (Thousands acres) (Continued)

Geographic region and State, by owner class	1952	1962	1970	1977	Projections				
					1990	2000	2010	2020	2030
Pacific Coast									
Washington, western									
National Forest	2,398	2,398	2,321	2,200	2,024	2,001	1,979	1,958	1,939
Other public	1,951	1,852	1,802	1,791	1,701	1,615	1,582	1,550	1,535
Forest industry	3,748	3,686	3,598	3,581	3,470	3,390	3,326	3,276	3,260
Farm and miscellaneous private	2,531	2,416	2,270	2,216	1,988	1,825	1,694	1,596	1,564
Total	10,628	10,352	9,991	9,788	9,183	8,831	8,581	8,380	8,298
Washington, eastern									
National Forest	3,197	3,196	3,103	2,967	2,803	2,722	2,744	2,715	2,690
Other public	2,340	2,304	2,292	2,236	2,229	2,222	2,218	2,213	2,211
Forest industry	637	652	750	738	737	736	735	734	734
Farm and miscellaneous private	2,386	2,356	2,265	2,193	2,151	2,121	2,098	2,079	2,073
Total	8,560	8,508	8,410	8,134	7,920	7,801	7,795	7,741	7,708
Pacific Northwest total									
National Forest	23,764	24,487	24,221	23,329	18,585	18,362	18,256	18,100	17,961
Other public	13,153	12,028	11,941	11,854	11,235	11,082	10,987	10,920	10,888
Forest industry	9,046	9,426	9,600	9,841	9,837	9,838	9,810	9,730	9,690
Farm and miscellaneous private	10,382	9,982	9,381	8,259	9,074	8,676	8,412	8,234	8,138
Total	56,345	55,923	55,143	53,283	48,731	47,958	47,465	46,984	46,677
Pacific Southwest States									
California									
National Forest	8,372	8,918	8,953	8,168	7,091	6,788	6,743	6,685	6,666
Other public	703	512	495	507	501	497	494	492	491
Forest industry	2,167	2,445	2,671	2,687	2,773	2,914	2,912	2,902	2,887
Farm and miscellaneous private	5,885	5,323	4,962	4,941	4,655	4,368	4,289	4,239	4,217
Total	17,127	17,198	17,081	16,303	15,020	14,567	14,438	14,318	14,261
Hawaii									
National Forest	0	0	0	0	0	0	0	0	0
Other public	496	496	454	454	453	451	450	449	447
Forest industry	0	0	0	0	0	0	0	0	0
Farm and miscellaneous private	593	593	494	494	493	491	490	488	487
Total	1,089	1,089	948	948	946	942	940	937	934
Pacific Southwest total									
National Forest	8,372	8,918	8,953	8,168	7,091	6,788	6,743	6,685	6,666
Other public	1,199	1,008	949	961	954	948	944	941	938
Forest industry	2,167	2,445	2,671	2,687	2,773	2,914	2,912	2,902	2,887
Farm and miscellaneous private	6,478	5,916	5,456	5,435	5,148	4,859	4,779	4,727	4,704
Total	18,216	18,287	18,029	17,251	15,966	15,509	15,378	15,255	15,195
Pacific Coast total									
National Forest	32,136	33,405	33,174	31,497	25,676	25,150	24,999	24,785	24,627
Other public	14,352	13,036	12,890	12,815	12,189	12,030	11,931	11,861	11,826
Forest industry	11,213	11,871	12,271	12,528	12,610	12,752	12,722	12,632	12,577
Farm and miscellaneous private	16,860	15,898	14,837	13,694	14,222	13,535	13,191	12,961	12,842
Total	74,561	74,210	73,172	70,534	64,697	63,467	62,843	62,239	61,872

Table 2—Area of commercial timberland in the United States by geographic region and State, by owner class—1952, 1962, 1970, 1977, and projections to 2030 (Thousands acres) (Continued)

Geographic region and State, by owner class	1952	1962	1970	1977	Projections								
					1990	2000	2010	2020	2030				
Rocky Mountains													
Northern Rocky Mountains States													
Idaho													
National Forest	11,046	11,251	10,731	9,153	8,835	8,808	8,776	8,747	8,722				
Other public	1,451	1,444	1,440	1,366	1,363	1,359	1,355	1,351	1,347				
Forest industry	954	950	947	947	945	944	943	942	942				
Farm and miscellaneous private	2,089	2,080	2,074	2,075	2,012	1,951	1,893	1,836	1,781				
Total	15,540	15,725	15,192	13,541	13,155	13,062	12,967	12,876	12,792				
Montana													
National Forest	10,456	10,560	9,733	8,162	8,306	8,306	8,306	8,306	8,306				
Other public	1,698	1,691	1,686	1,632	1,627	1,622	1,617	1,613	1,608				
Forest industry	1,063	1,058	1,055	1,055	1,053	1,052	1,051	1,050	1,050				
Farm and miscellaneous private	3,536	3,521	3,510	3,510	3,405	3,302	3,203	3,107	3,014				
Total	16,753	16,830	15,984	14,359	14,391	14,282	14,177	14,076	13,978				
South Dakota, western													
National Forest	951	957	957	953	930	911	893	875	858				
Other public	72	72	72	76	76	76	75	75	75				
Forest industry	17	17	17	16	16	16	16	16	16				
Farm and miscellaneous private	266	265	264	199	193	187	182	176	171				
Total	1,306	1,311	1,310	1,244	1,215	1,190	1,166	1,142	1,120				
Wyoming													
National Forest	3,244	3,232	3,167	3,044	2,855	2,798	2,743	2,689	2,636				
Other public	633	630	628	435	433	431	430	429	428				
Forest industry	55	55	54	54	54	54	54	54	54				
Farm and miscellaneous private	806	803	801	801	777	754	731	709	688				
Total	4,738	4,720	4,650	4,334	4,119	4,037	3,958	3,881	3,806				
Northern Rocky Mountains total													
National Forest	25,697	26,000	24,588	21,312	20,926	20,823	20,718	20,617	20,522				
Other public	3,854	3,837	3,826	3,509	3,499	3,488	3,477	3,468	3,458				
Forest industry	2,089	2,080	2,073	2,072	2,068	2,066	2,064	2,062	2,062				
Farm and miscellaneous private	6,697	6,669	6,649	6,585	6,387	6,194	6,009	5,828	5,654				
Total	38,337	38,586	37,136	33,478	32,880	32,571	32,268	31,975	31,696				
Southern Rocky Mountains States													
Arizona													
National Forest	2,268	2,347	2,348	2,462	2,408	2,408	2,408	2,408	2,408				
Other public	1,185	1,179	1,176	1,268	1,264	1,260	1,257	1,253	1,249				
Forest industry	0	0	0	0	0	0	0	0	0				
Farm and miscellaneous private	168	167	166	166	161	156	152	147	143				
Total	3,621	3,693	3,690	3,896	3,833	3,824	3,817	3,808	3,800				
Colorado													
National Forest	8,382	8,474	7,711	7,506	6,700	6,285	5,947	5,644	5,412				
Other public	760	756	754	690	688	686	684	682	680				
Forest industry	15	15	15	15	15	15	15	15	15				
Farm and miscellaneous private	3,126	3,113	3,104	3,104	3,011	2,921	2,833	2,748	2,666				
Total	12,283	12,358	11,584	11,315	10,414	9,907	9,479	9,089	8,773				

Table 2—Area of commercial timberland in the United States by geographic region and State, by owner class—1952, 1962, 1970, 1977, and projections to 2030 (Thousand acres) (Continued)

Geographic region and State, by owner class	1952	1962	1970	1977	Projections				
					1990	2000	2010	2020	2030
Rocky Mountains									
Nevada									
National Forest	68	68	55	61	50	50	50	50	50
Other public	5	5	5	5	5	5	5	5	5
Forest industry	8	8	8	8	8	8	8	8	8
Farm and miscellaneous private	61	61	60	60	58	56	55	53	52
Total	142	142	128	134	121	119	118	116	115
New Mexico									
National Forest	2,809	2,941	2,939	2,818	2,879	2,879	2,879	2,879	2,879
Other public	876	873	870	792	790	787	785	783	780
Forest industry	138	137	137	0	0	0	0	0	0
Farm and miscellaneous private	1,803	1,795	1,790	1,927	1,869	1,813	1,758	1,705	1,655
Total	5,626	5,746	5,736	5,537	5,538	5,479	5,422	5,367	5,314
Utah									
National Forest	2,662	2,657	2,614	2,277	2,256	2,249	2,241	2,234	2,227
Other public	554	552	550	467	466	464	463	461	460
Forest industry	0	0	0	0	0	0	0	0	0
Farm and miscellaneous private	666	663	661	661	641	622	603	585	568
Total	3,882	3,872	3,825	3,405	3,363	3,335	3,307	3,280	3,255
Southern Rocky Mountains total									
National Forest	16,189	16,487	15,667	15,124	14,293	13,871	13,525	13,215	12,976
Other public	3,380	3,365	3,355	3,222	3,213	3,202	3,194	3,184	3,174
Forest industry	161	160	160	23	23	23	23	23	23
Farm and miscellaneous private	5,824	5,799	5,781	5,918	5,740	5,568	5,401	5,238	5,084
Total	25,554	25,811	24,963	24,287	23,269	22,664	22,143	21,660	21,257
Rocky Mountain total									
National Forest	41,886	42,487	40,255	36,436	35,219	34,694	34,243	33,832	33,498
Other public	7,234	7,202	7,181	6,731	6,712	6,690	6,671	6,652	6,632
Forest industry	2,250	2,240	2,233	2,095	2,091	2,089	2,087	2,085	2,085
Farm and miscellaneous private	12,521	12,468	12,430	12,503	12,127	11,762	11,140	11,066	10,738
Total	63,891	64,397	62,099	57,765	56,149	55,235	54,141	53,635	52,953
Total West¹									
National Forest	74,022	75,892	73,429	67,933	60,895	59,844	59,242	58,617	58,125
Other public	21,586	20,238	20,071	19,546	18,901	18,720	18,602	18,513	18,458
Forest industry	13,463	14,111	14,504	14,624	14,701	14,841	14,809	14,717	14,662
Farm and miscellaneous private	29,381	28,366	27,267	26,196	26,349	25,297	24,331	24,027	23,580
Total	138,452	138,607	135,271	128,299	120,846	118,702	116,984	115,874	114,825
United States total²									
National Forest	94,744	96,852	94,651	88,718	81,250	80,318	79,784	79,231	78,774
Other public	48,977	46,832	46,939	47,003	46,639	46,504	46,408	46,380	46,372
Forest industry	59,548	61,558	66,979	68,782	70,895	72,213	72,721	72,964	73,110
Farm and miscellaneous private	296,063	304,139	287,835	277,982	268,840	261,875	256,112	251,564	247,934
Total	499,332	509,381	496,404	482,485	467,624	460,910	455,025	450,139	446,190

¹ The West is the Rocky Mountain and the Pacific coast regions combined.

² Excludes "Total West."

Table 3—Land area of the National Forests in the United States by land class and component, 1977, and projections to 2030 (Thousand acres)

Land class and component	1977	1980	1990	2000	Projections		
					2010	2020	2030
Commercial timberland							
Standard	50,365	46,022	45,801	46,317	47,980	49,756	50,417
Special	12,229	11,108	11,554	11,839	12,622	13,157	13,487
Marginal	19,044	17,983	16,486	15,524	12,840	10,027	8,772
Unregulated	6,630	7,414	7,409	6,688	6,341	6,291	6,098
Total	88,268	82,527	81,250	80,368	79,783	79,231	78,774
Productive deferred	4,551	4,538	1,323	738	579	512	450
Productive reserved	8,896	12,400	16,045	17,201	17,662	17,998	18,260
Other forest land	38,542	36,985	37,630	37,675	37,696	37,697	37,706
Nonforest	45,188	47,627	47,985	48,376	48,717	49,073	49,358
Total	185,445	184,077	184,233	184,358	184,437	184,511	184,548

Table 4—Land area of the National Forests in the Northern Region (R-1) by land class and component, 1977, and projections to 2030 (Thousand acres)

Land class and component	1977	1980	1990	2000	Projections		
					2010	2020	2030
Commercial timberland							
Standard	5,662	5,662	5,872	6,057	6,265	6,544	6,874
Special	2,294	2,294	2,669	2,914	3,316	3,643	3,998
Marginal	2,856	2,856	2,494	2,084	1,474	868	183
Unregulated	1,667	1,667	1,638	1,618	1,618	1,618	1,618
Total	12,479	12,479	12,673	12,673	12,673	12,673	12,673
Productive deferred	1,207	1,207	—	—	—	—	—
Productive reserved	2,308	2,308	3,321	3,321	3,321	3,321	3,321
Other forest land	4,603	4,603	4,603	4,603	4,603	4,603	4,603
Nonforest	3,191	3,191	3,191	3,191	3,191	3,191	3,191
Total	23,788	23,788	23,788	23,788	23,788	23,788	23,788

Table 5—Land area of the National Forests in the Rocky Mountain Region (R-2) by land class and component, 1977, and projections to 2030 (Thousand acres)

Land class and component	1977	Projections				
		1980	1990	2000	2010	2020
Commercial timberland						
Standard	3,294	3,211	3,153	3,481	4,441	5,354
Special	910	856	847	851	1,158	1,375
Marginal	3,280	3,056	3,612	3,490	1,988	520
Unregulated	2,950	2,806	1,878	1,180	1,007	974
Total	10,434	9,929	9,490	9,002	8,594	8,223
Productive deferred	907	907	430	303	176	109
Productive reserved	976	1,481	2,280	2,782	3,211	3,547
Other forest land	2,132	2,132	2,132	2,132	2,132	2,132
Nonforest	7,383	7,383	7,500	7,613	7,719	7,821
Total	21,832	21,832	21,832	21,832	21,832	21,832

Table 6—Land area of the National Forests in the Southwestern Region (R-3) by land class and component, 1977, and projections to 2030 (Thousand acres)

Land class and component	1977	Projections				
		1980	1990	2000	2010	2020
Commercial timberland						
Standard	3,478	3,476	3,548	3,621	3,701	3,799
Special	301	301	319	339	390	399
Marginal	1,332	1,346	1,256	1,163	1,032	925
Unregulated	169	164	164	164	164	164
Total	5,280	5,287	5,287	5,287	5,287	5,287
Productive deferred	298	276	165	32	—	—
Productive reserved	641	656	767	900	932	932
Other forest land	7,401	7,401	7,401	7,401	7,401	7,401
Nonforest	6,872	6,872	6,872	6,872	6,872	6,872
Total	20,492	20,492	20,492	20,492	20,492	20,492

Table 7—Land area of the National Forests in the Intermountain Region (R-4) by land class and component, 1977, and projections to 2030 (Thousand acres)

Land class and component	1977	Projections				
		1980	1990	2000	2010	2020
Commercial timberland						
Standard	2,990	2,890	2,836	2,822	2,807	2,790
Special	1,899	1,907	1,971	1,961	1,947	1,937
Marginal	3,424	3,182	2,973	2,960	2,947	2,933
Unregulated	187	183	176	176	174	174
Total	8,500	8,162	7,956	7,919	7,875	7,834
Productive deferred	794	1,107	167	—	—	—
Productive reserved	1,583	1,597	2,704	2,870	2,870	2,870
Other forest land	9,097	9,097	9,095	9,093	9,091	9,089
Nonforest	11,102	11,113	11,154	11,194	11,240	11,283
Total	31,076	31,076	31,076	31,076	31,076	31,076

Table 8—Land area of the National Forests in the Pacific Southwest Region (R-5) by land class and component, 1977, and projections to 2030 (Thousand acres)

Land class and component	1977	Projections				
		1980	1990	2000	2010	2020
Commercial timberland						
Standard	4,614	4,603	3,998	3,762	3,789	3,931
Special	977	711	782	790	795	798
Marginal	2,057	2,041	1,797	1,712	1,624	1,322
Unregulated	351	407	411	420	432	532
Total	7,999	7,762	6,988	6,684	6,640	6,583
Productive deferred	244	150	158	—	—	—
Productive reserved	477	707	813	1,168	1,168	1,168
Other forest land	5,903	4,503	5,147	5,192	5,211	5,214
Nonforest	4,890	6,292	6,314	6,378	6,405	6,461
Total	19,513	19,414	19,420	19,422	19,424	19,426

Table 9—Land area of the National Forests in the Pacific Northwest Region (R-6) by land class and component, 1977, and projections to 2030 (Thousand acres)

Land class and component	1977	Projections				
		1980	1990	2000	2010	2020
Commercial timberland						
Standard	10,549	9,452	9,340	9,228	9,127	9,029
Special	2,814	3,050	3,012	2,977	2,944	2,911
Marginal	2,307	2,127	2,102	2,077	2,054	2,030
Unregulated	460	432	432	432	432	432
Total	16,130	15,061	14,886	14,714	14,557	14,402
Productive deferred	564	308	308	308	308	308
Productive reserved	1,842	2,225	2,225	2,225	2,225	2,225
Other forest land	3,541	3,542	3,542	3,542	3,542	3,542
Nonforest	2,274	3,217	3,392	3,564	3,721	3,876
Total	24,351	24,353	24,353	24,353	24,353	24,353

Table 10—Land area of the National Forests in the Southern Region (R-8) by land class and component, 1977, and projections to 2030 (Thousand acres)

Land class and component	1977	Projections				
		1980	1990	2000	2010	2020
Commercial timberland						
Standard	8,884	8,503	,8689	8,855	9,269	9,628
Special	391	382	297	282	278	230
Marginal	1,823	1,651	661	555	352	174
Unregulated	602	672	1,629	1,617	1,433	1,316
Total	11,700	11,208	11,276	11,309	11,332	11,348
Productive deferred	159	493	—	—	—	—
Productive reserved	202	215	704	704	704	704
Other forest land	143	283	283	283	283	283
Nonforest	203	263	263	263	263	263
Total	12,407	12,462	12,526	12,559	12,582	12,598

Table 11—Land area of the National Forests in the Eastern Region (R-9) by land class and component, 1977, and projections to 2030 (Thousand acres)

Land class and component	1977	Projections				
		1980	1990	2000	2010	2020
Commercial timberland						
Standard	7,117	7,079	7,153	7,235	7,280	7,336
Special	1,442	1,137	1,138	1,142	1,142	1,142
Marginal	556	631	631	631	631	631
Unregulated	103	116	116	116	116	116
Total	9,218	8,963	9,038	9,124	9,169	9,225
Productive deferred	59	90	95	95	95	95
Productive reserved	853	1,083	1,083	1,083	1,083	1,083
Other forest land	555	619	622	624	628	628
Nonforest	633	693	696	698	703	703
Total	1,318	11,448	11,534	11,624	11,678	11,734
						11,757

Table 12—Land area of the National Forests in the Alaska Region (R-10) by land class and component, 1977, and projections to 2030 (Thousand acres)

Land class and component	1977	Projections				
		1980	1990	2000	2010	2020
Commercial timberland						
Standard	3,777	1,146	1,212	1,256	1,301	1,345
Special	1,201	470	519	583	652	722
Marginal	1,409	1,093	960	852	738	624
Unregulated	141	967	965	965	965	965
Total	6,528	3,676	3,656	3,656	3,656	3,656
Productive deferred	319	—	—	—	—	—
Productive reserved	14	2,128	2,148	2,148	2,148	2,148
Other forest land	5,167	4,805	4,805	4,805	4,805	4,805
Nonforest	8,640	8,603	8,603	8,603	8,603	8,603
Total	20,668	19,212	19,212	19,212	19,212	19,212



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Wall, Brian R.

1981. Trends in commercial timberland area in the United States by State and ownership, 1952-77, with projections to 2030, U.S. Dep. Agric. For. Serv., Gen. Tech. Rep. | WO-31, 28 p.

Commercial timberland area in the United States increased from 1952 until the 1960's, then declined, and is projected to decline further by 2030. Details by section, region, State, and ownership are presented. Projections for USDA Forest Service Administrative Regions are detailed in tables.

Keywords: Commercial forest land, land use, timber resources.



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